

**Amendments to the Claims:**

The following Listing of Claims replaces all prior versions and listings of the claims in the present application.

**Listing of Claims:**

Claims 1-26 (Cancelled).

27 (New): A method for manipulating a plant genome in the generation of a transgenic plant, comprising introducing prokaryotic beta recombinase and its specific target sequences in the plant genome.

28 (New): A method according to claim 27, comprising the steps of introducing prokaryotic beta recombinase derived from *Streptococcus* in the plant genome and introducing DNA sequences containing *six* sites that allow recombination activity into the plant genome.

29 (New): A method for manipulating pathogenic and Gram positive bacteria, comprising introducing prokaryotic beta recombinase and its specific target sequences in the pathogenic and Gram positive bacteria.

30 (New): A method according to claim 29, comprising the steps of introducing prokaryotic beta recombinase derived from *Streptococcus* in the bacteria and introducing DNA sequences containing *six* sites that allow recombination activity into the bacteria.

31 (New): A method for gene delivery in human gene therapy, comprising introducing prokaryotic beta recombinase and its specific target sequences in a human.

32 (New): A method according to claim 31, comprising the steps of introducing prokaryotic beta recombinase derived from *Streptococcus* in the human and introducing DNA sequences containing *six* sites that allow recombination activity into the human.